

METHOD FOR TREATMENT OF SILICONE
EMULSION WASTE BY CHEMICAL ADDITION

ABSTRACT OF THE DISCLOSURE

5 A method for treating silicone emulsion waste includes the steps of
adding base chemical materials to the silicone emulsion waste in an amount effective
to cause separating of the silicone emulsion waste. The added chemicals separate the
silicone emulsion waste into silicone oil and an emulsion-free water. The components
10 can be separated, with the silicone oil laden liquid being sent to an incinerator and the
emulsion-free water being sent to a wastewater treatment plant. The base chemicals
can include sodium hydroxide, sodium carbonate, sodium chloride and/or
combinations thereof. To enhance separating of the silicone emulsion waste, the
silicone emulsion waste can be heated prior to the addition of the chemicals. Also, by
10 recycling the treated water and adding the same to the silicone emulsion waste and
base chemicals separation of the silicone emulsion waste can be enhanced.

09924044-080701